## **EAST Search History**

| Ref# | Hits | Search Query  | DBs                             | Default<br>Operator | Plurals | Time Stamp          |
|------|------|---|---------------------------------|---------------------|---------|---------------------|
| L1   | 0    | (print printing) with preview with (print\$3 near3 set\$4) with (display\$3 show\$3) with (memory storage disk raid) with (cache buffer ram) with ((offset\$3 displac\$3 displacement) near3 address) with stack\$3 with (parallel near3 offset near3 position)         | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR                  | ON      | 2009/06/04<br>15:49 |
| L2   | 0    | ((print printing) with preview with (print\$3 near3 set\$4) with (display\$3 show\$3) with (memory storage disk raid) with (cache buffer ram) with ((offset\$3 displac\$3 displacement) near3 address) with stack\$3 with (parallel near3 offset near3 position)). clm. | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR                  | ON      | 2009/06/04<br>15:49 |
| L3   | 0    | ((print printing) same preview same (print\$3 near3 set\$4) with (display\$3 show\$3) with (memory storage disk raid) with (cache buffer ram) with ((offset\$3 displac\$3 displacement) near3 address) with stack\$3 with (parallel near3 offset near3 position)). clm. | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR                  | ON      | 2009/06/04<br>15:49 |

| L4  | 0     | ((print printing) same preview same (print\$3 near3 set\$4) same (display\$3 show\$3) same (memory storage disk raid) same (cache buffer ram) same ((offset\$3 displac\$3 displacement) near3 address) same stack\$3 same (parallel near3 offset near3 position)). clm. | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2009/06/04          |
|-----|-------|---|---------------------------------|----|----|---------------------|
| L5  | 0     | (print printing) same preview same (print\$3 near3 set\$4) same (display\$3 show\$3) same (memory storage disk raid) same (cache buffer ram) same ((offset\$3 displac\$3 displacement) near3 address) same stack\$3 same (parallel near3 offset near3 position)         | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2009/06/04          |
| L6  | 0     | ((offset\$3 displac\$3<br>displacement) near3<br>address) same stack\$3<br>same (parallel near3<br>offset near3 position)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2009/06/04<br>17:35 |
| L7  | 1     | ((offset\$3 displac\$3<br>displacement) near3<br>address) same<br>(parallel near3 offset<br>near3 position)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2009/06/04<br>17:36 |
| L8  | 26    | (print printing) same<br>preview same (print\$3<br>near3 set\$4) same<br>(display\$3 show\$3)<br>same (memory storage<br>disk raid) same (cache<br>buffer ram)  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2009/06/04<br>17:36 |
| L9  | 23333 | (print\$3 near2 data)<br>same (plurality many<br>bulk several)  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2009/06/04<br>17:39 |
| L10 | 21    | 18 and 19   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2009/06/04<br>17:39 |

| L11 | 9463  | (storage memory) with ((offset\$4 shift\$3) near3 address)   | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2009/06/04<br>17:39 |
|-----|-------|--|---|----|-----|---------------------|
| L12 | 19580 | (358/1.11-1.18).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2009/06/04<br>17:39 |
| L13 | 86    | L11 and L12  | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2009/06/04<br>17:39 |
| L14 | 12824 | (358/1.1-1.9).OCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2009/06/04<br>17:39 |
| L15 | 65    | L11 and L14  | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2009/06/04<br>17:39 |
| L16 | 95    | (345/658).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2009/06/04<br>17:40 |
| L17 | 5     | L11 and L16  | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2009/06/04<br>17:40 |
| L18 | 1216  | pdf and ((page sheet<br>unit) near2 (buffer<br>queue cache)) | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2009/06/04<br>17:40 |
| L19 | 845   | L18 and display  | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2009/06/04<br>17:40 |
| L20 | 202   | L19 and "358".clas.  | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2009/06/04<br>17:40 |
| L22 | 1072  | (345/581).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2009/06/04<br>19:55 |
| L23 | 68    | (katsuhisa near3<br>shimizu).in.                             | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2009/06/04<br>21:02 |
| L24 | 2     | I23 and preview  | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2009/06/04<br>21:05 |
| L25 | 117   | (715/807).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2009/06/04<br>21:05 |

| L26 | 2     | L11 and L25  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2009/06/04<br>21:05 |
|-----|-------|--|---------------------------------|----|----|---------------------|
| L27 | 24849 | pdf  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2009/06/04<br>21:06 |
| L28 | 2942  | L27 same display   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2009/06/04<br>21:06 |
| L29 | 479   | L28 and preview  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2009/06/04<br>21:06 |
| L30 | 62    | L29 and L12  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2009/06/04<br>21:06 |
| L31 | 9463  | (storage memory) with ((offset\$4 shift\$3) near3 address) | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2009/06/04<br>21:07 |
| L32 | 151   | L31 same print\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2009/06/04<br>21:07 |
| L33 | 1     | L32 same preview\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2009/06/04<br>21:07 |
| S1  | 1621  | (print printing) near2<br>preview                          | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/11/05<br>11:12 |
| S2  | 834   | S1 same display  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/10/28<br>16:57 |
| S3  | 771   | S2 and (stor\$3 sav\$3)                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/10/28<br>16:58 |
| S4  | 743   | S3 and ("print data"<br>data)                              | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/10/28<br>16:59 |
| S5  | 269   | S3 and ("print data")                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/10/28<br>16:59 |
| S6  | 100   | S4 and offset\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/10/28<br>19:28 |
| S7  | 50    | S5 and offset\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/10/28<br>17:03 |

| S8         | 2      | "20030147097"   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/10/28<br>22:06 |
|------------|--------|---|---------------------------------|----|----|---------------------|
| <b>S</b> 9 | 14     | ("5829938"  <br>"5963216"   "6012083"<br>  "6056493"  <br>"6078936"   "6101513"<br>  "6181436").PN. OR<br>("6616359").URPN. | US-PGPUB;<br>USPAT;<br>USOCR    | OR | ON | 2007/10/28<br>22:13 |
| S10        | 25054  | (storage same offset<br>\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/10/29<br>08:26 |
| S11        | 57189  | (storage memory)<br>same offset\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/10/29<br>08:26 |
| S12        | 15847  | (storage memory)<br>same offset\$4 same<br>address  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/10/29<br>08:32 |
| S13        | 4152   | S12 and print\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/10/29<br>08:35 |
| S14        | 1469   | S13 and (paper sheet)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/10/29<br>08:35 |
| S15        | 265    | S12 same print\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/10/29<br>09:44 |
| S16        | 24     | S15 same (paper<br>sheet)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/10/29<br>08:39 |
| S17        | 77     | S15 same (paper sheet page)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/10/29<br>08:39 |
| S18        | 187870 | display near2 control\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/11/05<br>11:13 |
| S19        | 19541  | (print\$3 near2 data)<br>same (plurality many<br>bulk several)  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/11/05<br>11:16 |
| S20        | 214    | S18 same S19  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/11/05<br>11:17 |
| S21        | 118    | S20 and "358".clas.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/11/05<br>11:19 |
| S22        | 205    | S20 and (sav\$3 stor<br>\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/11/05<br>11:19 |

| S23         | 122   | S20 same (sav\$3 stor<br>\$3)                                | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/11/05<br>15:58 |
|-------------|-------|--|---------------------------------|----|----|---------------------|
| S24         | 60    | S23 and "358".clas.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/11/05<br>11:19 |
| <b>S</b> 25 | 1635  | one near2 (page<br>sheet) near2 (buffer<br>queue cache)      | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/11/05<br>16:00 |
| S26         | 37    | S25 same display   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/11/05<br>16:01 |
| S27         | 17108 | pdf  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/11/05<br>18:26 |
| S28         | 6366  | pdf and (buffer queue cache)                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/11/05<br>18:28 |
| S29         | 854   | pdf and ((page sheet<br>unit) near2 (buffer<br>queue cache)) | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/11/05<br>18:31 |
| S30         | 593   | S29 and display  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/11/05<br>18:30 |
| S31         | 150   | S30 and "358".clas.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/11/05<br>18:31 |
| S32         | 2063  | S27 same display   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/11/05<br>18:31 |
| S33         | 71    | S32 and ((page sheet<br>unit) near2 (buffer<br>queue cache)) | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/11/05<br>18:35 |
| S34         | 326   | S32 and preview  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/11/05<br>18:35 |
| S35         | 1     | 10/689321  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/11/06<br>13:58 |
| S36         | 1     | 10/790870  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/11/06<br>13:59 |
| S37         | 255   | pdf same preview   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/11/06<br>15:47 |

| S38 | 78    | S37 and "358".clas.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/11/06<br>15:48 |
|-----|-------|---|---------------------------------|----|----|---------------------|
| S40 | 16741 | (storage memory)<br>same offset\$4 same<br>address            | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2008/05/22<br>20:16 |
| S41 | 281   | S40 same print\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2008/05/22<br>20:16 |
| S42 | 85    | S41 same (paper sheet page)                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2008/05/22<br>20:16 |
| S43 | 25624 | (storage memory)<br>same (offset\$4 shift\$3)<br>with address | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2008/05/22<br>20:17 |
| S44 | 537   | S43 same print\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2008/05/22<br>20:17 |
| S45 | 133   | S44 same (paper sheet page)                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2008/05/22<br>20:18 |
| S46 | 28    | S45 same display\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2008/05/22<br>20:28 |
| S47 | 38518 | (storage memory)<br>same (offset\$4 shift\$3)<br>same address | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2008/05/28<br>16:28 |
| S48 | 8755  | (storage memory) with ((offset\$4 shift\$3) near3 address)    | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2008/05/28<br>16:28 |
| S49 | 144   | S48 same print\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2008/05/28<br>16:29 |
| S50 | 26    | S49 same display\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2008/05/28<br>16:29 |
| S51 | 1     | S49 same preview\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2008/05/28<br>16:38 |
| S52 | 36    | S49 same (paper sheet page)                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2008/05/28<br>16:39 |
| S57 | 1     | display with printout<br>with offset with page                | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2008/06/05<br>11:52 |

| S58         | 111 | display with offset with page | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2008/06/05<br>11:53 |
|-------------|-----|-------------------------------|---|----|-----|---------------------|
| <b>S</b> 59 | 1   | ("5095369").PN.               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2008/10/27<br>08:47 |

6/4/2009 9:08:36 PM

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